

BARG Newsletter November 2025



***Ballarat Amateur Radio Group Inc. #6953T
November 2025 Monthly Newsletter***

**Next General Meeting BARG inc
7:30PM, Friday 28th November 2025
At the Airport - All Welcome**



Contacting us
BARG@BARG.ORG.AU

We're on the web.

www.barg.org.au

https://twitter.com/vk3_barg

<https://www.facebook.com/groups/VK3BML/>



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Front Page; Colin VK3NCC, Glenn VK3GLN and Peter VK3APW

Times and dates of nets as below

Club Nets: VHF NET: Every Tuesday Night at 8 pm on 146.750 MHz - VK3RBA

HF NET: Every Thursday Night at 8 pm on 3.608 MHz - VK3BML

6m NET: Every Tuesday Night at 8:30 pm on 53.650Mhz RX / 52.650Mhz TX - FM
with a 91.5 tone - VK3RWU

LINKED REPEATERS: *The local VK3RBA-70cm repeater on Mt Buninyong is part of a network of linked repeaters covering North-Western Victoria.*

Access details for this repeater have recently changed.

*For full details of this linked network and access details
see <https://www.qrz.com/lookup/vk3rba>*

You can listen to the system live <http://vk3rba.dyndns.org:441/>

This linked system may be accessed via IRLP node 9503

We never worried about our TV being stolen in the 70s.

It took the whole family, the guy next door, and a trolley jack just to move it a few inches to the right!

I'm no longer allowed to go Carolling at the Psych Hospital.

I guess "Do you hear what I hear" was a bad song choice.

You know you're over 40 when you have "upstairs ibuprofen" and "downstairs ibuprofen".



The VP's Ramblings.



Greetings everyone,

It's the end of November already, the end of the new year is in sight. The year has really flown by (thankfully no Hot Cross buns in sight ..yet).

In the last two months we welcomed 2 new members, Glenn/VK3GLN and Wayne.H/studying. We now have 58 members on the books.

As a result of the temporary closure of the usual Thursday Coffee venue, members have been meeting at the club rooms. This has been very well responded to and highly successful. About 15 people attend. The result on the first week was the backyard cut and trimmed, Tower dropped, Antenna added.

Sincere thanks to Glenn/VK3GLN for attacking with the yellow machine grass cutting. The second week included great discussion on potential future activities, antenna building, analysis and preparation for some maintenance on the second tower, and some fault finding on a beautiful vintage transceiver.

Those attending made very short work of the fruit cake, bickies and buttered Boston Bun, did someone say donuts as well???

All in all a good mix of activity, many hands making light work and just plain vanilla socialising which highlights that these sessions are more about the company than the coffee or surroundings.

At time of writing, Hamvention 2026 is less than 70 days away. More than 20% of available tables are already booked and paid for. If you are considering making some of your preloved gear available to others, now is the time to book a table.

You'll find a clickable link on the front page of our web presence. (BARG.ORG.AU).

Hamvention 2026 will also need member support on the day to make it as successful as ever. An email has been sent to all members inviting your commitment. Please respond early so the committee can plan accordingly. It won't happen without you.

If you are not currently a member you would be very welcome to apply now in time to be involved with the BARG's biggest activity of the year.

Reminders: Committee meeting Monday evening the 24th. General meeting Friday the 28th at 19:30 at the club rooms.

Did you sign up for Rick/VK3FIVE's demonstration activity? That will be on Saturday the 6th of December.

BARG inc. OFFICE BEARERS

President	Vacant	Ordinary Member	Tom George VK3DMK
Vice President	Colin Consiglio VK3NCC	Ordinary Member	Ian Fairweather VK3YFD
Secretary	Peter Westgarth VK3APW	Ordinary Member	Doug Ellery VK3DRE
Treasurer	Jeff Rickerby VK3JHR	Ordinary Member	David Martin VK3KQT
Ordinary Member	Craig Cook VK3KG	Ordinary Member	Ben Daniel VK3NRD

The next BARG General Meeting

Friday 28th of November 2025
7:30PM

JAYCAR CLUB MEMBER DISCOUNT

Dear All,

As a result of the efforts of Peter/APW and Ian/YFD the BARG now has a trade Account with JAYCAR.

This account will provide discount on items purchased at JAYCAR.

There will be some exclusions.

To take advantage of this benefit you will have to show your current BARG membership card that shows your name, an expiry date and identify the Trade account number when you make a purchase.

For convenience, this number has been included on the current issue membership card. These were made available at the AGM.

If you did not attend, arrangements will need to be made to collect.

Cheers, Colin VK3NCC

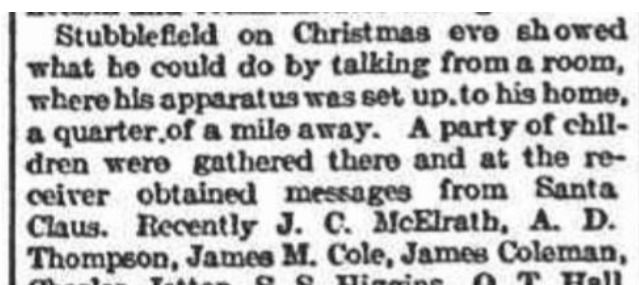


Even Santa has a Radio Amateur as a Santa's Helper

<http://earlyradiohistory.us/>



Contributor; Colin VK3NCC



Cliff Bilston VK3PAF / VK3CCB / VK3CB – SK

As recalled by John, VK3CFH to Tom VK3DMK.

I first remember meeting Cliff at his property in Warrenheip, where he proudly showed me his Kenwood 520S. He'd graduated from the wild world of Citizen Band to the rather more civilised ranks of Amateur Radio and never looked back.

For many years he served as net control for the VK3BML Thursday evening skeds, enthusiastically handing out the Goldfields and Western Awards. Cliff always introduced himself with a grin: "*Cliff — a precipitous drop.*" His original call, **VK3PAF**, invited plenty of banter: "*Poor Aussie Farmer*" or "*Pour Another Fosters.*"

In 1993 Cliff took the helm as President of the Ballarat Amateur Radio Group.

Work carried him to Warragul and later back to Ballarat, where he and Helen settled in Sebastopol.

After retiring as Manager of Environmental Services at the Ballarat Base Hospital, Cliff set up a fine station at his Dereel property, complete with two Nally towers covering both VHF and HF.

One of Cliff's proud achievements was earning the **US All Counties Award**, no small feat by any measure.

Over the years he transitioned from **VK3PAF** to **VK3CCB**, and finally to **VK3CB** — a move he appreciated, as too many people kept assuming **VK3CCB** was the sound of a man stuttering on air. Hi Hi.

Outside radio, Cliff had a keen interest in Australia's great outdoors. He and Helen travelled extensively around the country with the caravan in tow. He was fond of Welsh Springer Spaniels and had a deep passion for flora, especially proteas, along with maintaining a generous vegetable and flower garden. Cliff will be remembered not only for his dedication to amateur radio, but for the warmth, humour, and steady presence he brought to our community.



Cliff with the impressive UDSA-CA certificate



Long-serving employee Elizabeth Troon receives a farewell gift from Environmental Services Supervisor Ray Cartledge and Assistant Environmental Services Manager Cliff Bilston.



Alpha CubeSat Mission Starts December 2nd 2025

<https://alphacubesat.cornell.edu/index.html>

Alpha CubeSat is a light sail-carrying, cube-shaped satellite, and a stepping stone to our nearest star system. With its holograms, tiny ChipSat computers, and low-cost components, Alpha opens up new techniques for interstellar messages and affordable spacecraft.

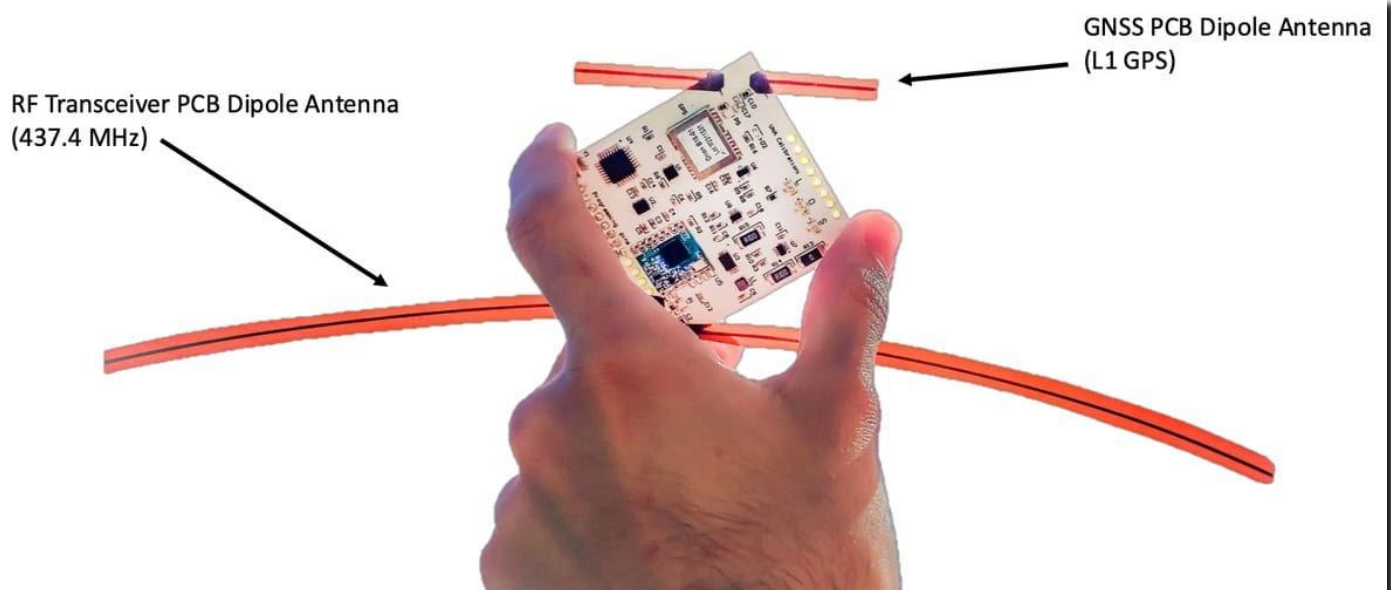
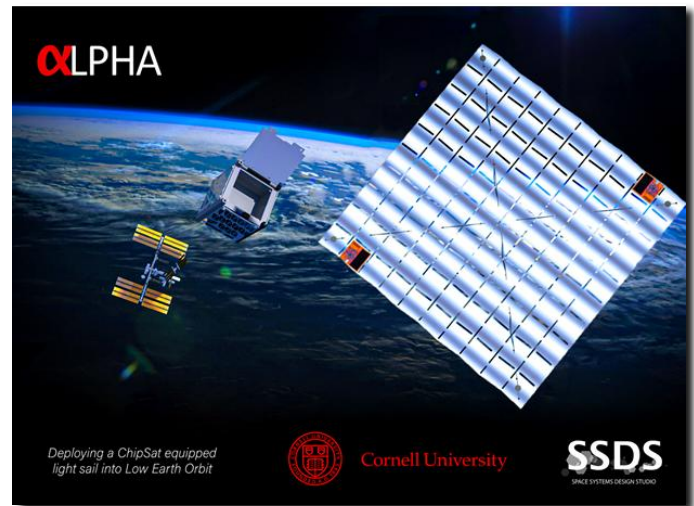
What makes Alpha special?

Alpha CubeSat's main mission objective is to deploy a light sail. But the CubeSat itself has a lot of innovation to offer! Alpha CubeSat uses easy-to-obtain components, and its structure is almost entirely 3D-printed. These aspects make Alpha a trendsetter for low-cost CubeSat technologies.

The focus of the mission is to increase flight heritage for small, with four self-powered radios called ChipSats. The ChipSats design is open source, and will contribute to the amateur radio art by providing amateurs worldwide with an inexpensive, small and easy to use UHF telemetry option to support amateur telemetry activities on Earth and in space.

"ChipSats" are palm-sized computers—and the world's smallest spacecraft when they fly solo! In Alpha's case, the ChipSats will be attached to the light sail, where they'll function as flight computers.

ChipSats contain all the radio communications, sensors, and power systems the sail needs. This allows Alpha's sail to disconnect from the CubeSat that deployed it, making it the world's first free-flying light sail!



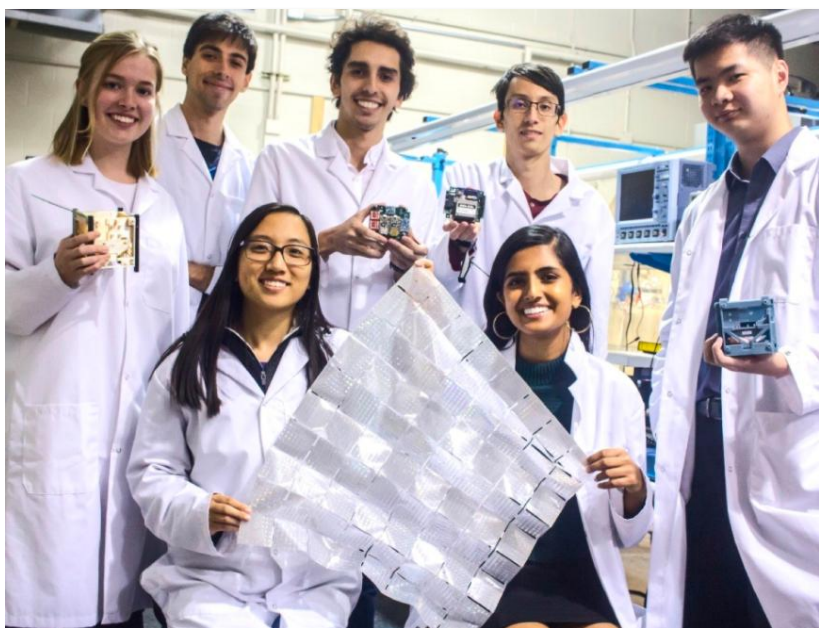
This mission establishes flight heritage for the next generation of ChipSats (gram-scale spacecraft with milliwatt-level transmitters) and shall be the first mission to verify a

communications link with low-gain amateur ground stations. This is an important step in the democratization of space. For just \$200 of equipment (\$100 per spacecraft and \$100 for ground station) amateur radio operators could achieve communications with an Amateur satellite.

Furthermore, the mission exercises the TinyGS global network of low powered, low-cost ground stations. Participation: Due to the limited orbital lifetime of the sail, there may only be a few passes over the ground station at Cornell University. The Alpha CubeSat mission therefore plans to enlist the help of amateur radio enthusiasts around the world, primarily through an established open-source ground station network known as TinyGS. These ground stations shall share received telemetry with a central database, allowing Cornell students to understand the sail's deorbit trajectory and attitude kinematics.

Alpha CubeSat will deploy the first-ever free-flying, retroreflective light sail. Its tiny ChipSat computers also allow Alpha to be the smallest light sail yet. Someday, we may send an entire fleet of these light sails to other stars.

Light sails are a lot like boat sails. But instead of being pushed by wind, light sails are pushed by the actual particles of light (photons) that strike them. This means light sails don't need to chuck any propellant behind them like a typical rocket or spacecraft—no heavy fuel tanks to carry, or even any engines. That's especially helpful in long-term missions to another star.



From... https://iaru.amsat-uk.org/formal_detail.php?serialnum=956

Proposing a UHF downlink using spread spectrum FSK, specifically LoRa modulation, shall be used for this mission. The selected LoRa parameters are as follows: Spreading factor: 12 Coding Rate: 5 Sync Word: 18 Preamble Length: 8 Bandwidth: 125KHz These LoRa settings correspond to: Chip Rate: 125000 chips/s Symbol Rate: 30.52 sym/s Data Rate: 12.18 bytes/s. A downlink on 437.400 MHz.

The downlink on 437.400 MHz is probable.

My wife yelled from upstairs and asked: "Do you ever get a shooting pain across your body, like someone's got a voodoo doll of you and they're stabbing it?"

I replied: "No."

She responded: "How about now?"

I took a long, hard look at myself this morning.

I won't be doing that again.

What Happened Here!!!

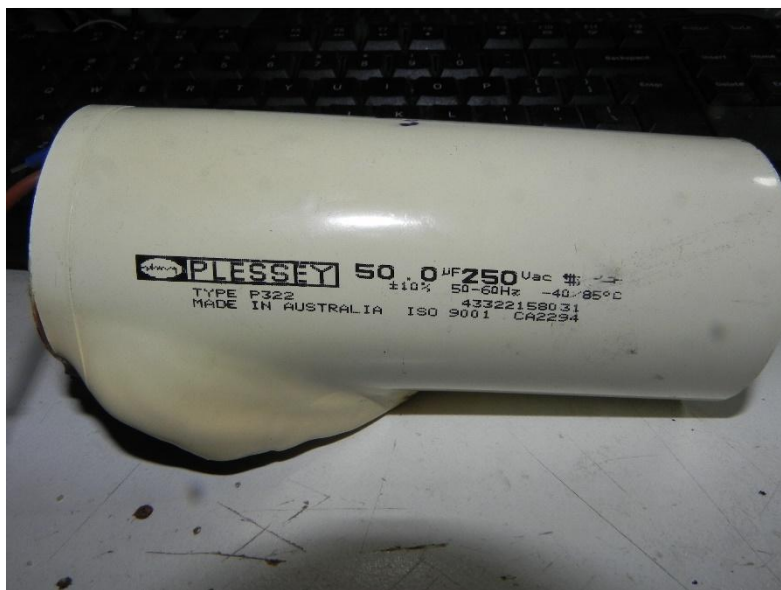
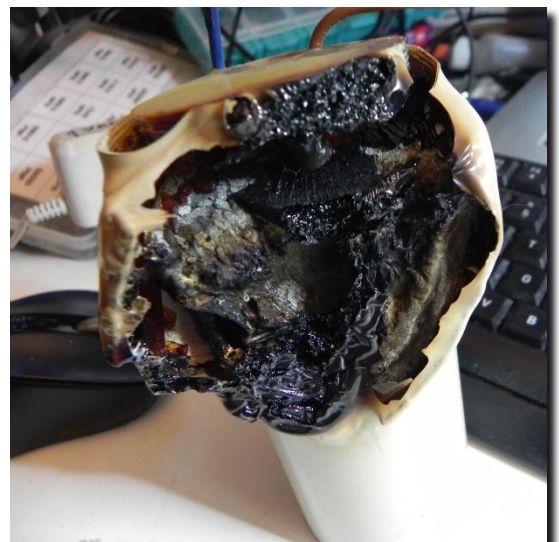
Contributor Tom VK3DMK

A while ago a NiCad Battery charger arrived at my workbench with a reported fault of low or no charging. This was an industrial charger, for indoor pallet trolleys. Somewhat like the image at the right.

When it was opened this was the site to behold.



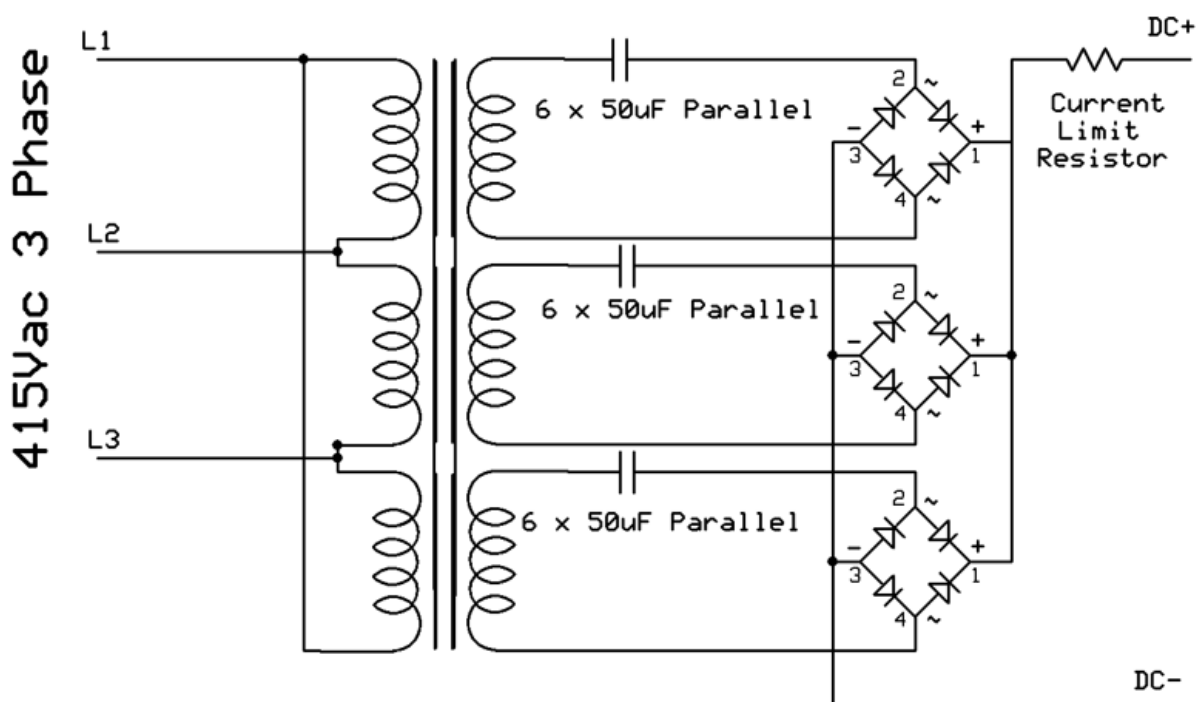
It looked like it had been dropped, the white components are Polypropylene Film Capacitors, they have a nylon thread holding them to the chassis, or did have. The burnt capacitor was the culprit as it had come in contact with a current limit resistor and succumbed to its heat.



The capacitors on seeking the part numbers were found to be an Australian Made Plessey component,

50uF 250Vac. This burnt capacitor failed the normal tests and was declared unserviceable.

In all 18 capacitors were in this charger that was powered from 3 phase and its output 130Vdc (Open Circuit), 74Vdc at 38Adc when charging.
This is a basic schematic.



Purpose of the Series/Parallel Capacitors

The series capacitors are not used for filtering (like electrolytics on the DC side), but rather as a form of reactive ballast. Their main functions are:

1. Current limiting without wasting energy as heat (unlike resistors).
2. Providing a near-constant current charging profile.
3. Reducing stress on the rectifier and transformer by limiting surge current.

Two new replacement capacitors were fitted; one other capacitor had sustained some lesser heat damage.

This is a picture of the whole unit when it arrived, not sure how heavy but it came and went on a pallet.

The equipment over the transformer is some control timing components to allow for controlled charging periods and prevention of operation on shorted or very low charge NiCads. They had broken away from the DIN rail.



Cheers. Tom. VK3DMK

The Secret Broom Radio

<https://www.awm.gov.au/articles/blog/secret-broom-radio>

Australian Lieutenant Russell Francis Wright (VX70200), 8th Australian Division, was captured in February 1942 and interned in Changi Prison, Singapore.

A trained engineer and amateur radio enthusiast, Wright secretly built a functioning shortwave receiver concealed inside a broom head. The device became known post-war as the 'Secret Broom Radio'. Constructed in 1944, the radio was used to receive Allied broadcasts such as the BBC, keeping prisoners informed and lifting morale.

Japanese captors strictly forbade radios in POW camps, with discovery often punishable by execution. Despite this, Wright and a handful of trusted fellow prisoners risked their lives nightly to operate the hidden set. Information from broadcasts was memorised and distributed discreetly throughout the camp.

The radio was a regenerative receiver, likely a one-valve shortwave design, operating on 20–30 metre bands to pick up Allied transmissions. It was powered via an improvised mains supply disguised as a 'cigarette lighter' outlet, and the antenna was concealed within a mosquito net hem. Tuning was achieved using screwdrivers inserted into hidden slots in the broom head.

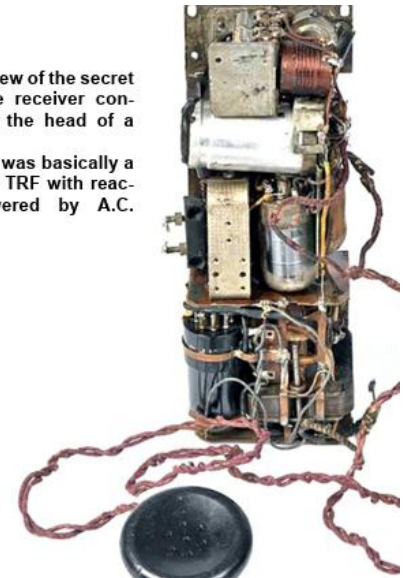


Engineering Specification (Reconstructed)

Parameter	Specification
Type	Single-valve regenerative receiver
Tuning Range	6–15 MHz (approx.) covering 49–9 m shortwave bands
Detector Valve	Likely 1.4V filament type (e.g. 1T4 or equivalent scavenged valve)
Power Supply	Improvised low-voltage filament + 45V HT from scavenged batteries or disguised mains tap
Antenna	Wire concealed in mosquito net hem
Audio Output	High-impedance earphone / stethoscope tube
Tuning	Adjustable capacitive control via concealed screwdriver slot
Dimensions	Approx. 40 × 10 × 10 cm broom head enclosure

Internal view of the secret shortwave receiver concealed in the head of a broom.

The radio was basically a one valve TRF with reaction powered by A.C. mains.



The original Secret Broom Radio is preserved in the Imperial War Museums (Object 30005330) and is also referenced in the Australian War Memorial's archives. Wright's ingenuity stands as a testament to human resourcefulness under the harshest conditions.

In recognition of his courage and engineering brilliance, he was awarded the MBE in 1947.

Video: <https://www.awm.gov.au/collection/C190453>

<https://trove.nla.gov.au/newspaper/article/78519448?browse=ndp%3Abrowse%2Ftitle%2FN%2Ftitle%2F106%2F1945%2F10%2F26%2Fpage%2F7647285%2Farticle%2F78519448>



BARG Christmas Party 2025
Royal Mail, Sebastopol
6:30PM Friday 12th December 2025

Contact Ian VK3AXH ASAP to help early bookings. mcdonaldian80@gmail.com

I urge you to take care of yourself and avoid accidents because spare parts for old models like us are no longer in stock



Whoever stole my power cord and adapter, you will be charged.

Another psychologist, Nokov, expanded on Pavlov's research.

He wondered if sound was necessary to produce the responses in the dogs.

Nokov employed mimes to visually simulate the action of ringing a bell.

His work earned him a No Bell Prize

BARG 2026 HAMVENTION



BALLARAT AMATEUR RADIO GROUP 2026 Hamvention Sunday 1st February 2026

Bring, Buy, Swap, and Sell Amateur Radio based equipment.

Ballarat Polo-Crosse Club's Facility, 207 Airport Road, Ballarat Airport.

Deadline for table bookings, 5:00pm, Thursday 22nd January 2026 or unless all allocated.

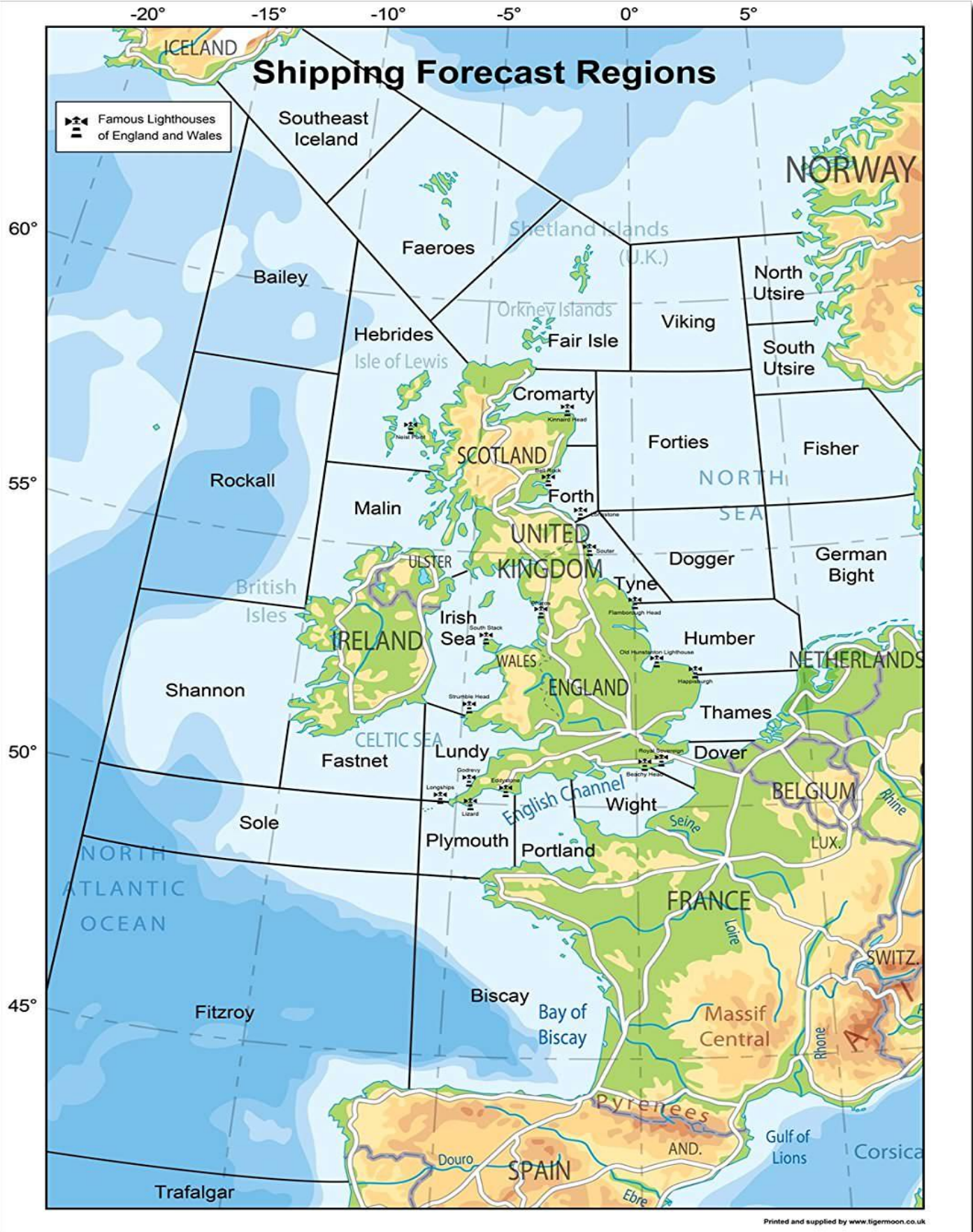


This space needs some content!!!!

Anything, no matter how small or big, educational, technical, humorous, historical or hysterical.

The editor Tom VK3DMK tomvk3dmk@gmail.com

And Now For The Shipping Forecast



The Shipping Forecast remains one of the most enduring and distinctive services in British broadcasting. It represents a unique convergence of meteorology, maritime safety, and cultural heritage, and it continues to hold a special place in both the professional and cultural life of the United Kingdom.

The origins of the Shipping Forecast can be traced to the aftermath of the tragic wreck of the clipper **Royal Charter** off Anglesey in 1859, which claimed the lives of more than 450 passengers and crew. The disaster underscored the urgent need for a systematic means of providing storm warnings to mariners. Admiral Robert FitzRoy, then serving as head of the Meteorological Department of the Board of Trade, responded by establishing one of the earliest storm warning systems. This relied on the recently developed electric telegraph, enabling warnings to be transmitted rapidly to coastal communities and ports.

By the 1860s, the Meteorological Office (later the Met Office) was producing daily weather charts and storm warnings. The first direct forerunner of the Shipping Forecast was transmitted in 1911 by Morse code from the Port of London Authority, providing mariners with essential weather information before venturing to sea.

The introduction of radio broadcasting brought the Shipping Forecast to a much wider audience. In 1924, the BBC began airing forecasts by voice, providing mariners around the British Isles with warnings of gales, wind directions, and barometric pressure. Over time, the forecast developed its highly recognisable cadence: a measured, deliberate style of delivery that prioritised clarity and consistency. This format not only served its primary purpose of safety but also contributed to its distinct cultural identity.

To improve clarity, the waters around the British Isles were divided into sea areas, each given a distinct name. These include such evocative and now-familiar names as Dogger, German Bight, Rockall, Lundy, and Fastnet. The structure of the forecast became standardised: beginning with gale warnings, followed by forecasts for each area covering wind, weather, visibility, and sea state.

Although designed primarily for mariners, the Shipping Forecast has acquired a unique cultural status far beyond its practical purpose. Its broadcasts on BBC Radio 4, particularly the late-night transmission at 0048 on Long Wave, are regarded with almost ritualistic reverence. For many listeners on land, the familiar rhythm and language of the forecast provide a sense of reassurance, described by some as a 'national lullaby'. The forecast has inspired poetry, music, and visual art, while continuing to serve as an indispensable safety service for those at sea.

Today, the Shipping Forecast is produced by the United Kingdom Met Office and broadcast by the BBC four times daily. It remains one of the longest-running continuous weather broadcast services in the world. Despite the advent of satellite meteorology, GPS navigation, and digital weather applications, the Shipping Forecast continues to command trust and respect. Its format and schedule have become so firmly embedded in the national

THE WEATHER.									
METEOROLOGICAL REPORTS.									
Wednesday, July 31, 8 to 9 a.m.	B.	E.	M.	D.	F.	C.	I.	S.	
Nairn.. ..	29.54	57	56	W.S.W.	6	9	o.	3	
Aberdeen ..	29.60	59	54	S.S.W.	5	1	b.	3	
Leth	29.70	61	55	W.	3	5	c.	2	
Berwick ..	29.69	59	55	W.S.W.	4	4	c.	2	
Ardrossan ..	29.73	57	55	W.	5	4	c.	5	
Portrush ..	29.72	57	54	S.W.	2	2	b.	2	
Shields ..	29.80	59	54	W.S.W.	4	5	o.	3	
Galway ..	29.63	65	62	W.	5	4	c.	4	
Scarborough ..	29.55	59	56	W.	3	6	c.	2	
Liverpool ..	29.91	61	56	S.W.	2	8	c.	2	
Valentia ..	29.87	62	60	S.W.	2	5	o.	3	
Queenstown ..	29.88	61	59	W.	3	5	c.	2	
Yarmouth ..	30.05	61	59	W.	5	2	c.	3	
London ..	30.02	62	56	S.W.	3	2	b.	—	
Dover ..	30.04	70	64	S.W.	3	7	o.	2	
Portsmouth ..	30.01	61	59	W.	3	6	o.	2	
Portland ..	30.03	63	59	S.W.	3	2	c.	3	
Plymouth ..	30.00	62	59	W.	5	1	b.	4	
Penzance ..	30.04	61	60	S.W.	2	6	c.	3	
Copenhagen ..	29.94	64	—	W.S.W.	2	6	c.	3	
Helder ..	29.99	63	—	W.S.W.	6	5	c.	3	
Brest ..	30.09	60	—	S.W.	2	6	c.	5	
Bayonne ..	30.13	68	—	—	—	9	m.	5	
Lisbon ..	30.18	70	—	N.N.W.	4	3	b.	2	

General weather probable during next two days in the—
 North—Moderate westerly wind; fine.
 West—Moderate south-westerly; fine.
 South—Fresh westerly; fine.

Explanation.
 B. Barometer, corrected and reduced to 32° at mean sea level; each 10 feet of vertical rise causing about one-hundredth of an inch diminution, and each 10° above 32° causing nearly three-hundredths increase. E. Exposed thermometer in shade. M. Moistened bulb (for evaporation and dew-point). D. Direction of wind (true—two points left of magnetic). F. Force (1 to 12—estimated). C. Cloud (1 to 9). I. Initials:—b., blue sky; c., clouds (detached); f., fog; h., hail; l., lightning; m., misty (hazy); o., overcast (dull); r., rain; s., snow; t., thunder. S. Sea disturbance (1 to 9).

consciousness that both Parliament and the BBC have been reluctant to alter them, aware of the widespread public attachment to the service.

From its origins in maritime tragedy to its present role as both a vital safety tool and cultural icon, the Shipping Forecast has become an integral part of British life. It stands as a remarkable example of how a public safety service can transcend its utilitarian purpose to embody national identity, continuity, and reassurance.

<https://www.metoffice.gov.uk/about-us>

A significant milestone has taken place as the Met Office's operational weather and climate intelligence has transferred to a new supercomputer operated by Microsoft.

Even though the Met Office, the UK's national weather service, had been preparing to replace its latest supercomputer for several years, it still felt like a momentous occasion.

A group of about two dozen computer operators, administrators and a couple of photographers gathered in a vast hall.

With a tap on a keyboard, the processing of over 50 billion weather observations – gathered daily for forecasting – came to an abrupt halt, accompanied by scattered applause.

Meanwhile, a new supercomputer in the Azure cloud that had been running in parallel offsite for more than a month officially took over.

With the transition smoothly completed, the [Met Office](#) is now able to take advantage of a new, cloud-based system that aims to both help people with better forecasts and help scientists advance important climate research around the world.

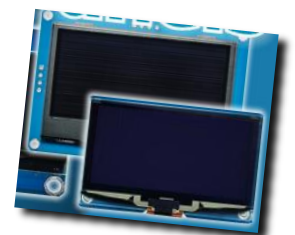
With the modern use of What3Words, <https://what3words.com/guard.cling.radio> for clear location co-ordinates, even back in 1924 the MetOffice was using clearly different names for map areas to clarify any morse or later audio metrology reporting.



Magazine Reviews

Silicon Chip Review November 2025

- P3 Publishers Letter. Nicholas Vinen. Looks and comments on the internet IP and IPv6 and IPv4
- P14 Humanoid & Android Robots. Dr David Maddison, VK3DSM. The evolution of the robot in human form, the materials, the sensors, the motors and mechanical drive being developed and keeping pace with the AI world.
- P28 RP2350B Computer Version 2. Geoff Graham and Peter Mather. A new design of the April 20256 design. Featuring 2350b Dual core, 252-375MHz clock, removable file storage, DVI HDMI, Audio Out 5.5Vp-p, USB ports and much more.
- P47 Power Rail Probe. Andrew Levido. A analyser for DC power busses, showing ripple, switching noised and even transients. Full construction and functionally explained and how the various parameters are worked out. Rail voltages up to 50Vdc.
- P54 Power Electronics Part 1. Andrew Levido. DC-DC Converters. A look at the theory and practicalities of modern DC-DC converters. Some basic circuits and how they give you the various DC voltage combinations sometimes needed in electronic circuits.
- P62 Large OLED Panels. Tim Blythman. Looks at the current OLED displays available and how to control them, and what advantages they offer.
- P68 Digital Preamplifier and Crossover. Part 2. Phil Prosser. Continuation of this project with component layout and construction instructions
- P79 Over-Current Protection. Julian Edgar. A simple device to sound an alarm or disconnect your powered devices in the event of a short circuit or over current situation.
- P82 Circuit Notebook. Driving a 400x168 pixel four-colour e-paper display. Miniaturised GPS Speedometer Display.
- P84 The Serviceman's Log. Dave Thompson. The perils of remote access. Repairing a car's ignition unit. Sony ICF7600D receiver repair.
- P92 Vintage Electronics. The Telequipment D52 Dual Beam Oscilloscope. Dr Hugo Holden. A brand of scope that had a very distinctive and clean front panel design/layout. Some models featured a dual phosphor CRT, one phosphor being a long persistence type and the other short, a filter that fitted over the CRT screen filtered out one or the other. Restoration involved the location and replacing of physically cracked resistors and work around the EHT circuit.



<http://www.barg.org.au/wp-content/uploads/2024/07/BARG-Form-Membership-Application-Form-was-V3-Rev-PA11.pdf>

BARG Form - Membership Application Form (was V3) Rev PA11.docx



Ballarat Amateur Radio Group Inc
Registration Number A0006953T
ABN 44 247 200 143
Application for Club Membership

This completed document should be emailed to the Secretary at BARG@BARG.ORG.AU, or brought along to a face to face meeting.

Surname: _____ **Given Names:** _____

Callsign: _____

Are you a financial member of WIA?: Yes No

Partner's Name: _____

Residential Address: _____

Postcode: _____

Postal Address: _____
(If different to above) **Postcode:** _____

Telephone;
(Work) _____ (Home) _____ (Mobile) _____

Email Address _____

Unless otherwise requested, Newsletters and Club information will be sent to your email address. If the Club decides to publish a Club Directory, are you willing to have the above information included? Please indicate: **Yes** **No**

By applying for membership I indicate my support of the purposes of the Association and agree to comply with the Association rules in effect.

Applicant's Signature: _____ **Date:** _____

Proposed By: _____ **Callsign:** _____ **Date:** _____

Seconded By: _____ **Callsign:** _____ **Date:** _____

--ooOoo--

Presented to Committee: _____ **Decision:** Accept / Reject

Fee Paid: \$ _____ **Date:** _____ **Receipt No(if applicable:)** _____

Entered into Membership Register: _____ **Secretary:** _____

BARG Form - Membership Application Form (was V3) Rev PA11.docx1 of 1